

=> File .Biotech

=> s yeast(5a)cell

L1 66100 YEAST(5A) CELL

=> s l1 and (Pichia pastoris)

L2 5424 L1 AND (PICHIA PASTORIS)

=> s protein(5a)extract?

L3 75898 PROTEIN(5A) EXTRACT?

=> s l2 and l3

L4 926 L2 AND L3

=> s l4 and (buffer?)

L5 909 L4 AND (BUFFER?)

=> s l5 and (detergent or tributylphosphate or TNBP or dimethylundecylamine or dimethyltetradecylamieoxide)

L6 1 L5 AND (DETERGENT OR TRIBUTYLPHOSPHATE OR TNBP OR DIMETHYLLUNDECYLAMINE OR DIMETHYLTETRADECYLAMIEOXIDE)

=> d l6 bib ab

L6 ANSWER 1 OF 1 USPATFULL on STN

AN 2003:3499 USPATFULL <<LOGINID::20060928>>

TI Methods and compositions for extracting proteins from cells

IN Sheppard, Scot R., Clayton, NC, UNITED STATES

PI US 2003003534 A1 20030102

US 6821752 B2 20041123

AI US 2002-52690 A1 20020118 (10)

RLI Continuation-in-part of Ser. No. US 2001-766043, filed on 19 Jan 2001, PENDING

DT Utility

FS APPLICATION

LREP PENNIE AND EDMONDS, 1155 AVENUE OF THE AMERICAS, NEW YORK, NY, 100362711

CLMN Number of Claims: 13

ECL Exemplary Claim: 1

DRWN 1 Drawing Page(s)

LN.CNT 541

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to a process of releasing a protein, recombinant or otherwise, from a cell. The process of the present invention involves contacting a host cell containing a protein of interest with a solution comprising one or more detergents and one or more reducing agents. The methods of the invention are particularly suitable to large scale production of recombinant products.

=> s l5 and (detergent)

L7 466 L5 AND (DETERGENT)

=> s l7 and (amphipathic charged amine oxide or amine)

L8 277 L7 AND (AMPHIPATHIC CHARGED AMINE OXIDE OR AMINE)

=> s l8 and (tributylphosphat or TNBP)

L9 0 L8 AND (TRIBUTYLPHOSPHAT OR TNBP)

=> s l8 and (tributylphosphate or TNBP)

L10 1 L8 AND (TRIBUTYLPHOSPHATE OR TNBP)

=> s l8 and (dimethyldecylamine)

L11 1 L8 AND (DIMETHYLDECYLAMINE)

=> s 18 and (dimethylundecylamine)
L12 1 L8 AND (DIMETHYLUNDECYLAMINE)

=> s 17 and (dimethyltetradecylamineoxide)
L13 0 L7 AND (DIMETHYLTETRADECYLAMINEOXIDE)

=> s 17 and (dimethyltridecylamineoxide)
L14 1 L7 AND (DIMETHYLTRIDECYLAMINEOXIDE)

=> s 112 and 114
L15 1 L12 AND L14

=> d 115 bib ab

L15 ANSWER 1 OF 1 USPATFULL on STN
AN 2003:3499 USPATFULL <<LOGINID::20060928>>
TI Methods and compositions for extracting proteins from cells
IN Sheppard, Scot R., Clayton, NC, UNITED STATES
PI US 2003003534 A1 20030102
US 6821752 B2 20041123
AI US 2002-52690 A1 20020118 (10)
RLI Continuation-in-part of Ser. No. US 2001-766043, filed on 19 Jan 2001,
PENDING
DT Utility
FS APPLICATION
LREP PENNIE AND EDMONDS, 1155 AVENUE OF THE AMERICAS, NEW YORK, NY, 100362711
CLMN Number of Claims: 13
ECL Exemplary Claim: 1
DRWN 1 Drawing Page(s)
LN.CNT 541
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB The present invention relates to a process of releasing a protein,
recombinant or otherwise, from a cell. The process of the present
invention involves contacting a host cell containing a protein of
interest with a solution comprising one or more detergents and one or
more reducing agents. The methods of the invention are particularly
suitable to large scale production of recombinant products.

=> s 18 and (glycerol)
L16 240 L8 AND (GLYCEROL)

=> s Shepard, S?/au
L17 351 SHEPARD, S?/AU

=> s 116 and 117
L18 0 L16 AND L17

=> s Shepard, Scot/au
L19 7 SHEPARD, SCOT/AU

=> s 116 and 119
L20 0 L16 AND L19

=> s 18 and 117
L21 0 L8 AND L17

=> s 18 and 119
L22 0 L8 AND L19

=> d his

(FILE 'HOME' ENTERED AT 15:07:38 ON 28 SEP 2006)

FILE 'MEDLINE, CAPLUS, BIOSIS, BIOTECHDS, EMBASE, USPATFULL, WPIDS'
ENTERED AT 15:08:06 ON 28 SEP 2006

L1 66100 S YEAST(5A)CELL
L2 5424 S L1 AND (PICHIA PASTORIS)
L3 75898 S PROTEIN(5A)EXTRACT?
L4 926 S L2 AND L3
L5 909 S L4 AND (BUFFER?)
L6 1 S L5 AND (DETREGENT OR TRIBUTYLPHOSPHATE OR TNBP OR DIMETHYLLU
L7 466 S L5 AND (DETERGENT)
L8 277 S L7 AND (AMPHIPATHIC CHARGED AMINE OXIDE OR AMINE)
L9 0 S L8 AND (TRIBUTYLPHOSPHAT OR TNBP)
L10 1 S L8 AND (TRIBUTYLPHOSPHATE OR TNBP)
L11 1 S L8 AND (DIMETHYLDECYLAMINE)
L12 1 S L8 AND (DIMETHYLUNDECYLAMINE)
L13 0 S L7 AND (DIMETHYLTETRADECYLAMINEOXIDE)
L14 1 S L7 AND (DIMETHYLTRIDECYLAMINEOXIDE)
L15 1 S L12 AND L14
L16 240 S L8 AND (GLYCEROL)
L17 351 S SHEPARD, S?/AU
L18 0 S L16 AND L17
L19 7 S SHEPARD, SCOT/AU
L20 0 S L16 AND L19
L21 0 S L8 AND L17
L22 0 S L8 AND L19

=> s l16 and (releas? or suspend?)

L23 239 L16 AND (RELEAS? OR SUSPEND?)

=> s l23 and (host(w)cell#)

L24 239 L23 AND (HOST(W) CELL#)

=> s l24 and (incubat?)

L25 239 L24 AND (INCUBAT?)

=> s l25 and (releas? or extract?(w)protein)

L26 239 L25 AND (RELEAS? OR EXTRACT?(W) PROTEIN)

=> s l26 and (suspend?(w)host cells)

L27 1 L26 AND (SUSPEND?(W) HOST CELLS)

=> d l27 bib ab

L27 ANSWER 1 OF 1 USPATFULL on STN

AN 2003:3499 USPATFULL <<LOGINID::20060928>>

TI Methods and compositions for extracting proteins from cells

IN Sheppard, Scot R., Clayton, NC, UNITED STATES

PI US 2003003534 A1 20030102

US 6821752 B2 20041123

AI US 2002-52690 A1 20020118 (10)

RLI Continuation-in-part of Ser. No. US 2001-766043, filed on 19 Jan 2001,
PENDING

DT Utility

FS APPLICATION

LREP PENNIE AND EDMONDS, 1155 AVENUE OF THE AMERICAS, NEW YORK, NY, 100362711

CLMN Number of Claims: 13

ECL Exemplary Claim: 1

DRWN 1 Drawing Page(s)

LN.CNT 541

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to a process of releasing a
protein, recombinant or otherwise, from a cell. The process of the
present invention involves contacting a host cell
containing a protein of interest with a solution comprising one or more
detergents and one or more reducing agents. The methods of the invention

are particularly suitable to large scale production of recombinant products.

=>

---Logging off of STN---

=>

Executing the logoff script...

=> LOG Y

STN INTERNATIONAL LOGOFF AT 15:35:44 ON 28 SEP 2006

Day : Thursday
Date: 9/28/2006

Time: 15:38:46

 **PALM INTRANET**

Inventor Information for 09/766043

Inventor Name	City	State/Country
SHEPARD, SCOT R.	CLAYTON	NORTH CAROLINA

Appln Info	Contents	Petition Info	Atty/Agent Info	Continuity/Reexam	Foreign C
-------------------	-----------------	----------------------	------------------------	--------------------------	------------------

Search Another: Application# or Patent#

PCT / / or PG PUBS #

Attorney Docket #

Bar Code #

To go back use Back button on your browser toolbar.

Back to [PALM](#) | [ASSIGNMENT](#) | [OASIS](#) | [Home page](#)

Day : Thursday
Date: 9/28/2006


PALM INTRANET

Time: 15:38:56

Inventor Name Search Result

Your Search was:

Last Name = SHEPARD

First Name = SCOT

Application#	Patent#	Status	Date Filed	Title	Inventor Name
10070560	Not Issued	30	04/25/2005	Method of producing and purifying endostatin protein	SHEPARD, SCOT R
09766043	Not Issued	30	01/19/2001	Methods and compositions for extracting proteins from cells	SHEPARD, SCOT R.
09855634	6635679	150	05/14/2001	METHODS AND COMPOSITIONS FOR INACTIVATING VIRUSES	SHEPARD, SCOT R.
09982516	6723536	150	10/18/2001	METHOD OF PRODUCING AND PURIFYING ANGIOSTATIN	SHEPARD, SCOT R.
10602129	Not Issued	60	06/24/2003	Methods and compositions for inactivating viruses	SHEPARD, SCOT R.
60153698	Not Issued	159	09/14/1999	METHOD OF PRODUCING AND PURIFYING ENDOSTATIN TM PROTEIN	SHEPARD, SCOT R.
60168919	Not Issued	159	12/03/1999	METHOD OF PRODUCING AND PURIFYING ANGIOSTATINTR PROTEIN	SHEPARD, SCOT R.
10610533	Not Issued	30	07/02/2003	Systems and methods for improving recognition results via user-augmentation of a database	SHEPARD, SCOTT
10610534	Not Issued	61	07/02/2003	Systems and methods for facilitating playback of media	SHEPARD, SCOTT
10610559	Not Issued	30	07/02/2003	Systems and methods for providing audio service	SHEPARD, SCOTT
10610560	Not Issued	30	07/02/2003	Systems and methods for providing real-time alerting	SHEPARD, SCOTT
10610574	Not Issued	61	07/02/2003	Systems and methods for providing online event tracking	SHEPARD, SCOTT
10610684	Not Issued	30	07/02/2003	Systems and methods for aiding human translation	SHEPARD, SCOTT

<u>10610697</u>	Not Issued	83	07/02/2003	Systems and methods for providing multimedia information management	SHEPARD, SCOTT
<u>10610799</u>	Not Issued	61	07/02/2003	Name browsing systems and methods	SHEPARD, SCOTT
<u>10925678</u>	Not Issued	95	08/25/2004	LOWER GUIDE TRACK FOR DOWN PACKING PRESS APPARATUS AND METHOD	SHEPARD, SCOTT
<u>10925679</u>	<u>7093535</u>	150	08/25/2004	SHORT PLATEN COMPATIBLE GUIDE TRACK INSERTION AND REMOVAL APPARATUS AND METHOD	SHEPARD, SCOTT
<u>10926443</u>	<u>7121195</u>	150	08/25/2004	METHOD AND APPARATUS FOR DRIVING MULTIPLE KNOTTERS	SHEPARD, SCOTT
<u>10926447</u>	Not Issued	95	08/25/2004	LATERALLY DISPLACEABLE GUIDE TRACK FOR A BULK MATERIAL BALER APPARATUS AND METHOD	SHEPARD, SCOTT
<u>10926448</u>	Not Issued	30	08/25/2004	Wire feeding apparatus and method	SHEPARD, SCOTT
<u>60394064</u>	Not Issued	159	07/03/2002	Systems and methods for providing acoustic classification	SHEPARD, SCOTT
<u>60394082</u>	Not Issued	159	07/03/2002	System and apparatus for audio-indexing	SHEPARD, SCOTT
<u>60419214</u>	Not Issued	159	10/17/2002	Systems and methods for classifying audio into broad phoneme classes	SHEPARD, SCOTT A.
<u>07695189</u>	Not Issued	166	05/03/1991	HUMAN NOTCH AND DELTA, BINDING DOMAINS IN TOPORYTHMIC PROTEINS, AND METHODS BASED THEREON	SHEPARD, SCOTT B.
<u>07791923</u>	Not Issued	166	11/14/1991	HUMAN NOTCH AND DELTA, BINDING DOMAINS IN TOPORYTHMIC PROTEINS, AND METHODS BASED THEREON	SHEPARD, SCOTT B.
<u>07879038</u>	Not Issued	166	04/30/1992	HUMAN NOTCH AND DELTA, BINDING DOMAINS IN TOPORYTHMIC PROTEINS, AND METHODS BASED THEREON	SHEPARD, SCOTT B.
<u>08465500</u>	<u>5789195</u>	150	06/05/1995	HUMAN NOTCH AND	SHEPARD, SCOTT

				DELTA, BINDING DOMAINS IN TOPORYTHMIC PROTEINS, AND METHODS BASED THEREON	B.
<u>08585840</u>	Not Issued	161	01/11/1996	NOVEL TECHNIQUE TO GENERATE CDNA LIBRARIES	SHEPARD, SCOTT B.
<u>09617645</u>	Not Issued	161	07/17/2000	Methods for identifying toporythmic protein analogs	SHEPARD, SCOTT BROCKWELL
<u>10351840</u>	<u>7003885</u>	150	01/27/2003	WIRE NIPPER	SHEPARD, SCOTT G.
<u>10903793</u>	<u>6966114</u>	150	07/30/2004	WIRE NIPPER	SHEPARD, SCOTT G.

Inventor Search Completed: No Records to Display.

Search Another: Inventor	Last Name	First Name	Search
	<input type="text" value="SHEPARD"/>	<input type="text" value="SCOT"/>	

To go back use Back button on your browser toolbar.

Back to [PALM](#) | [ASSIGNMENT](#) | [OASIS](#) | [Home page](#)